

## **DEPARTMENTAL BUDGET INFORMATION ENVIRONMENTAL AFFAIRS (22)**

### **MISSION**

The mission of the Environmental Affairs Department is to manage and coordinate the environmental affairs of the City of Detroit through the development and implementation of a coordinated and comprehensive environmental policy. This environmental policy shall provide for the protection and enhancement of the quality of life for the citizens of Detroit; provide the skills, resources and enforcement activities needed to maintain the City in compliance with applicable laws and regulations; and provide for the most effective and sustainable use of the natural resources (land, water and air) available to the City.

### **DESCRIPTION**

This department interacts with City agencies, governmental regulators and other agencies to promote the environmental health of the City through four Areas of Specialization: environmental assessment and response (brownfield); environmental management systems; watershed management; and solid waste management. Through these four Areas of Specialization, Environmental Affairs is actively working to: 1) develop and implement programs that support sustainable development initiatives focusing on brownfield redevelopment; 2) actively participate in state and federal legislative initiatives to improve regulatory and compliance processes throughout City operations; 3) establish policy and provide guidance to operational departments on environmental issues to assure the City's compliance with environmental laws, rules and regulations; 4) establish programs for City departments for the conservation and restoration of beneficial environmental uses and protection of our environmental assets;

5) develop and implement enforcement strategies to maintain compliance to the City of Detroit Solid Waste and Illegal Dumping Ordinance; and 6) seek funding for clean-up of contaminated sites.

### **MAJOR INITIATIVES**

#### **Solid Waste Management:**

Recognizing that enforcement is an important tool available in the stabilization of local communities, the department is conducting a review of the Detroit City Code, including land use planning and restrictions to identify areas where revisions are needed. With the insertion of language which more adequately addresses the issues and concerns currently facing our residents, DEA recommended new environmentally based enforcement tools to protect the health and safety of the environment that will improve the quality of life for our citizens.

Following last year's reorganization that established an Environmental Enforcement Division, and with the passage of the Solid Waste and Illegal Dumping Ordinance, the City has formed a SWAT Team coordinated and managed through the Department of Environmental Affairs to vigorously enforce the Zoning Ordinance, the Solid Waste and Illegal Dumping Ordinance and a new Property Maintenance Code. The SWAT Team consists of the Building Safety Engineering Department, the Detroit Police Department, the Department of Public Works, the Detroit Health Department, the Planning and Development Department and its associate agencies, the City Law Department, Communication and Creative Services Department, Neighborhood City Halls, and the Department of Environmental Affairs. This new solid waste enforcement

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initiative is under the **Solid Waste Management Program** at DEA.

### **Watershed Management:**

Under the **Watershed Management Program**, DEA has implemented a Junkyard Initiative and is currently identifying and inspecting sites utilized as junkyards, scrapyards, and for other types of salvage operations. The department sought and has been awarded two grants from the Michigan Department of Environmental Quality to address pollution from these sources. The grants are now under implementation. Furthermore the department has been instrumental in establishing the Flyway Initiative with Region V of the USEPA. This initiative will identify un-permitted or un-licensed facilities that are responsible for non-point source discharges that contaminate our streets and sewer system. This program will establish regular inspections of solid waste facilities and transfer stations within the City and ferret out those illegal, un-licensed or non-permitted facilities operating in our neighborhoods and industrial and commercial strips.

Environmental Affairs is also working with the Buildings & Safety Engineering Department to respond to the historic concerns regarding demolition activities conducted by the City and by its contractors. In order to make sure that these activities are conducted in compliance with the National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation, DEA has developed Standard Operating Procedures as guidance documents to be used during the demolitions. To further assist, as liaison on environmental issues with regulatory

authorities, DEA will institute an Asbestos Abatement Compliance Program to oversee the demolition. An Asbestos Program Manager will be hired to provide ongoing assistance to city agencies involved in demolition activities. In addition to developing guidance documents, the Program Manager will facilitate training for the involved agencies and conduct internal audits to assure compliance to the NESHAP regulation.

### **Environmental Assessment and Response (Brownfield Redevelopment):**

Brownfield Redevelopment continues to be a focus of the **Environmental Assessment and Response Program** at DEA. The department is working with the State of Michigan in an effort to proactively address environmental issues resulting from the effects of new development on local neighborhoods. The department supports the Development Agencies under the Chief Development Officer by providing environmental site assessments and remediation of contaminated sites. Under a grant from the Michigan Department of Environmental Quality, the Environmental Affairs, and Information Technology Services Departments, are developing a graphic information database for a pilot area that can be used for a city wide environmental graphic information system (GIS).

The Brownfield Redevelopment efforts are further enhanced through a continued partnership with the EPA and the State of Michigan Department of Environmental Quality (MDEQ) in the Redevelopment of Urban Sites (REUS) Team to facilitate the cleanup and remediation of brownfield sites

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in Detroit.

Through the MDEQ Clean Michigan Initiative Bond Fund Program, the department has facilitated the cleanup of several underground storage tank sites and brownfield sites. Once cleaned these sites provide an opportunity for the properties to be restored to marketable conditions and enhance their redevelopment potential and the establishment of businesses.

The Brownfield Redevelopment Authority and Brownfield Cleanup Revolving Loan Fund Program are instruments which will be utilized to assist potential developers in financing environmental cleanups at brownfield sites. These programs are designed to provide tax incentives, gap financing and low interest loans for environmental cleanups.

### **PLANNING FOR THE FUTURE**

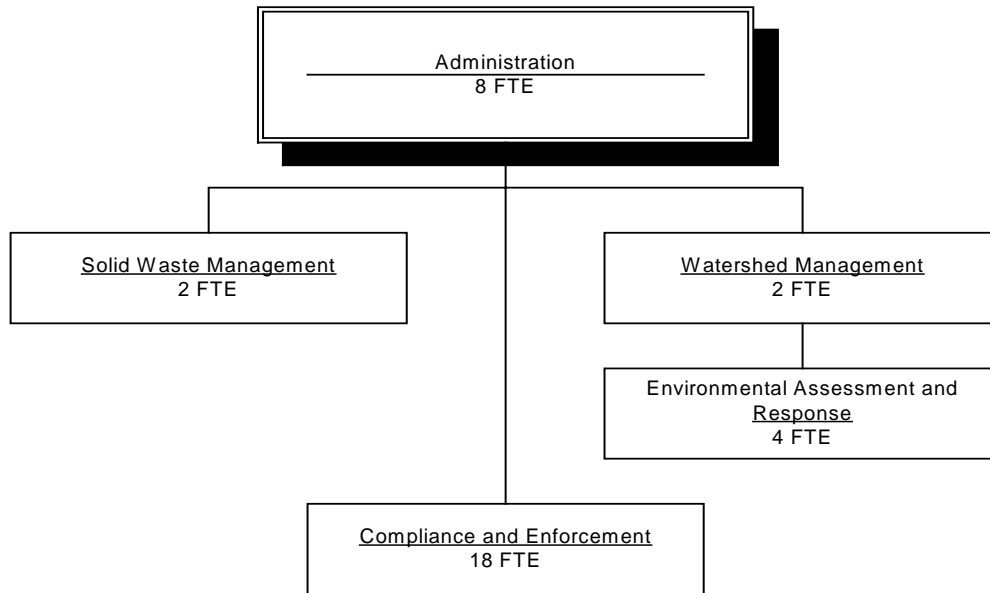
The department continues to work with other city agencies in seeking to maximize the usage of environmental contract dollars utilized throughout these agencies. A targeted, streamlined process which establishes standards for performance will enable the City to reap several benefits. They include: cost savings for contracted services; consistency in the quality of service provided; elimination of payment for unnecessary services; enhancement of staff understanding of purchased services; requirements and follow up activities. Environmental Affairs will continue to monitor and enhance ongoing programs to identify areas where improvement is needed and to expand on items which have proven to be successful. This process will be used on a consistent basis to facilitate continued

growth and development throughout the department's program activities. New program development will be undertaken as needs are identified.

The department also envisions greater involvement with the public in evaluating environmental alternatives and in the enforcement of solid waste and illegal dumping violations and pollution prevention. This course of action will provide public education about environmental matters and issues, including pollution prevention, environmental protection and conservation of natural resources. This agency will serve as a liaison to citizens on environmental issues, such as environmental justice, and implement and coordinate environmental reclamation programs and compliance monitoring of facilities to improve the environmental quality of neighborhoods.

The department will continue to build on its current programs and initiatives to expand its role in compliance and enforcement of local, state and federal environmental laws, increase its outreach to the community and to City departments to develop programs and policies that will heighten awareness of environmental impacts, improve environmental stewardship in our neighborhoods and in City operations, and enhance the tools available to the City for brownfield re-use and re-development. To achieve these goals DEA will continue to partner with City departments and with state and federal agencies to leverage the resources and tools needed to bring about improvements in the land, air and water quality of Detroit.

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**PERFORMANCE GOALS, MEASURES AND TARGETS**

| <b>Goals:<br/>Measures</b>  | <b>2001-02<br/>Actual</b> | <b>2002-03<br/>Projection</b> | <b>2003-04<br/>Target</b> |
|---|---------------------------|-------------------------------|---------------------------|
| Institutionalize the technical and professional expertise needed to address environmental issues which face the City and its departments:<br>Percentage of City departments targeted              | 25%                       | 50%                           | 50%                       |
| Develop and implement a comprehensive plan to coordinate the re-use and redevelopment of contaminated property:<br>Number of sites addressed  | 130                       | 150                           | 150                       |
| Act as liaison with regulatory agencies and community/non-profit initiatives, to enforce compliance and promote awareness of environmental issues:<br>Number of legislative initiatives addressed | 5                         | 10                            | 10                        |
| Number of liaison activities with state regulators  | 50                        | 50                            | 100                       |
| Number of liaison activities with federal regulators  | 50                        | 50                            | 100                       |
| Number of grant awards  | 0                         | 1                             | 3                         |
| Provide timely refuse collection services and enforcement of environmental ordinances:<br>Percent of compliance of violators  | N/A                       | 30%                           | 60%                       |
| Number of households contacted – environmental  | N/A                       | 10,000                        | 25,000                    |
| Number of non-complying properties issued violation tickets   | N/A                       | 2,000                         | 5,000                     |

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**EXPENDITURES**

|                    | 2001-02<br>Actual<br>Expense | 2002-03<br>Redbook  | 2003-04<br>Mayor's<br>Budget Rec | Variance           | Variance<br>Percent |
|--------------------|------------------------------|---------------------|----------------------------------|--------------------|---------------------|
| Salary & Wages     | \$ 579,184                   | \$ 1,579,409        | \$ 1,423,129                     | \$ (156,280)       | -10%                |
| Employee Benefits  | 242,973                      | 789,855             | 830,862                          | 41,007             | 5%                  |
| Prof/Contractual   | 104,798                      | 101,413             | 101,413                          | -                  | 0%                  |
| Operating Supplies | 25,459                       | 20,288              | 25,500                           | 5,212              | 26%                 |
| Operating Services | 169,354                      | 232,347             | 267,667                          | 35,320             | 15%                 |
| Capital Equipment  | 11,781                       | 23,200              | 55,000                           | 31,800             | 137%                |
| Capital Outlays    | 31,285                       | -                   | -                                | -                  | 0%                  |
| Other Expenses     | 24,910                       | 39,400              | 7,000                            | (32,400)           | -82%                |
| <b>TOTAL</b>       | <b>\$ 1,189,744</b>          | <b>\$ 2,785,912</b> | <b>\$ 2,710,571</b>              | <b>\$ (75,341)</b> | <b>-3%</b>          |
| <b>POSITIONS</b>   | <b>12</b>                    | <b>37</b>           | <b>34</b>                        | <b>(3)</b>         | <b>-8%</b>          |

**REVENUES**

|                    | 2001-02<br>Actual<br>Revenue | 2002-03<br>Redbook | 2003-04<br>Mayor's<br>Budget Rec | Variance            | Variance<br>Percent |
|--------------------|------------------------------|--------------------|----------------------------------|---------------------|---------------------|
| Fines/Forfeits/Pen | \$ -                         | \$ -               | \$ 2,885,517                     | \$ 2,885,517        | 0%                  |
| Sales and Charges  | -                            | 230,000            | -                                | (230,000)           | -100%               |
| <b>TOTAL</b>       | <b>\$ -</b>                  | <b>\$ 230,000</b>  | <b>\$ 2,885,517</b>              | <b>\$ 2,655,517</b> | <b>1155%</b>        |

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